Report on National Moderation
of the
Certificate in Computing
and
National Diploma in Business Computing
undertaken by the
National Advisory Committee on Computer Qualifications

November 2002

The modules moderated in this round were:

Module	Number	Moderator
IC1-30	2	Janne Ross (Christchurch PIT)
IC3-60	1	Janne Ross (Christchurch PIT)
IC5-30	1	Janne Ross (Christchurch PIT)
AE200	1	Jeff Simpson (Western ITT)
BA210	3	Nurrul Sarkar (AUT)
DC100	10	Garry Roberton (Wintec)
EC310	3	Trevor Nesbit (Christchurch PIT)
FG200	5	Trevor Nesbit (Christchurch PIT)
IN100	15	Trevor Nesbit (Christchurch PIT)
MA200	10	Mark Bellringer (Western ITT)
NE300	2	Garry Roberton (Wintech)
NC100	1	Garry Roberton (Wintech)
OS200	5	Jeff Simpson (Western ITT)
OS25n	8	Jeff Simpson (Western ITT)
PP11n	14	Jeff Simpson (Western ITT)
PY200	3	Jeff Simpson (Western ITT)
SO100	14	Gerard Lovell (UNITEC)
SA300	2	Gerard Lovell (UNITEC)
SP210	3	Leonie Bridgeman (Western ITT)
SP190	11	Leonie Bridgeman (Western ITT)
TR200	7	Triona Rawlence (Nelson Marlborough IT)
WX100	8	Triona Rawlence (Nelson Marlborough IT)
	129	

The only CIC module for which no material was received was IC2-80. For NDBC modules were received for all seven 100 level modules. At the 200 level nine different modules were moderated with only PR20n having no material received, although one institution incorrectly forwarded PR21n (twelve months early). Three of the five 300 level module were moderated. Those not, due to no material for them being received, were PR330 and SR300.

The number of papers moderated continues to move up being the second highest ever. Previous numbers were: **93** in May 2002, **73** in September 2001, **55** in May 2001, **145** in September 2000, **104** in May 2000, **115** in September 99, **98** in May 99, **71** in September 98, **73** in May 98, **92** in September 97, **81** in May 97, **73** in September 96, **62** in May 96, and **85** in September 95.

In this round nineteen institutions submitted material, up one on the previous round.

Moderators stated the following suggested changes to the prescription:

IC1-30   Nil

IC3-60   Include topic on OOS and <u>practical</u> applications of principles of ergonomics. Possibly, a re-wording of Outcome 2 to enforce assessment of observed good practice, not just <u>discussion</u> of it. As module stands, students could write about & even understand all the principles, but not actually <u>use</u> good posture or take appropriate breaks or do basic exercises.

IC5-30   Consideration should be given to re-working this module prescription completely. If Polys are unable to provide students with access to <u>workgroup</u> software, then it becomes impossible to assess this prescription. The <u>aim</u> of the module can still be met via other electronic means.

AE200   Topic 1.5 add "and Measures" after "Estimates"
                  5.2 delete "740".
            Topic 4 is exactly the same as Topic 4 in AE210 but it is the
                  latter that needs changing to be more applied.

BA210   Nil

DC100   Nil

EC310   (1) I wonder if a 7 credit PR3Xn module would suffice instead of this module.
            (2) Include a comment that the level of difficulty depends significantly on the language used.
            (3) Some consideration to including a eProcurement tendering system as a possible assignment.

FG200   - comparing the assessments submitted against the PR25n
                  prescription shows a good match in all cases.
            - Perhaps FG200 could be discontinued?

IN100   15 moderated:
            1 polytechnic didn't submit a test
            2 didn't assess web page creation
            2 covered all topics but at the lowish level of difficult
            2 covered topic 4 with 75-80% of the assessment when it should be 20%
            2 had too much assessment
            6 had little coverage of topics 1-3 or part thereof
            Given that no one "got it right" perhaps there is a problem with
                  IN100. It might be that the basic line fundamental knowledge
                  of the Internet has grown too big for one module. IN100
                  needs to be looked at!!

MA200	Project This is the area which needs to be addressed. I think the emphasis of some polytechs ion programming is inappropriate. Also stating a minimum of "3 web page" is also way off the mark. Some state a project size of 50Mb others 100Mb and some I suggest would be very small. If all media is to be used and/or developed then some Polys need to rethink their projects and the planning involved.
NE300	1. Missing "Content" heading. 2. Topic 4 under content needs correcting.
NC100	Nil
OS200	Nil
OS250	Nil
PP11n	To bring Learning Outcome 4 in line with Topic 4, in Topic 4 insert between "Write code" and "Using the correct syntax" the words "to solve simple problems".
PY200	Nil
SO100	The module was discussed at NACCQ conference and it was agreed it was a level 5 module and only minor changes were needed. I think it best to keep topic 4 as interpreting DFD & ERD and later to begin drawing them in another module.
SA300	A suggested changed has been proposed and put forward at the recent conference.
SP190	Nil
SP210	None
TR200	Make it clear that TR200 is an introductory module on training in the workplace rather than an educational theory paper.
WX100	The prescription could do with being rewritten to provide some more guidance – perhaps that guidance is already there but buried in a wealth of other information. There does not appear to be enough clarity about how the employer appraisal will contribute its 60% or about the depth required as the report.

The above will be taken into consideration by the NACCQ Curriculum Development & Maintenance Working Group in a later "Blue Book".

While most are sending the required material it must be emphasized that not only are Assessments required but also their Marking Schedules and the Course Outline and Assessment Schedule. Student scripts are not required for this external moderation.

Deadlines continue to be the main problem with the CIC/NDBC moderation process but we continue to endeavour to provide this moderation service. Late material will be returned not moderated once moderators have commenced their moderation.

An updated Assessment Schedule for the years 2001 to 2005 is included. It takes into account all the modules in the just published extended latest edition of the "Blue Book" and the new numbering system.

Due at NACCQ office by 14th March 2003 are:

  AP330, BS310, ST320

  AA500, BS500, DB500, DT500, PC500, PR51n, SP591

  BA600, BC600, CA600, DC600, DE600, ET600, IO600, MW600, PM600, PR62n

  AA700, AS700, HR700, OO700, SD700

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4th November 2002

NATIONAL ADVISORY COMMITTEE ON COMPUTER QUALIFICATIONS

CIC/NDBC External MODERATION

GUIDELINES

All modules will be covered in a three yearly cycle as shown in the moderation schedule attached.

It is the responsibility of each polytechnic to get any module they are undertaking for CIC/NDBC that is not covered by this list, moderated independently by another polytechnic.

<u>What Must Be Sent For Moderation</u> (except PJ700)

For each module:
1. Module Outline
   This is what is usually given out to students at the
      commencement of the module.
   It must include at least:
      - Module Name and Code
      - Number of class contact hours (supervised learning)
2. Assessment Schedule
      (This may be part of the Module Outline)
   It must show:
      - How many assessments there are
      - How a pass and a merit pass are obtained
   For each assessment:
      - What is going to be assessed
      - Type of assessment (Test, Case Study, etc.)
      - Weighting
3. A Copy of All Assessments
   The actual assessments as given to the student
   The number and numbering of these assessments must match
      the Assessment Schedule.
4. Marking Schedules
   Model answers (where appropriate)
   A breakdown of Criteria Accessed

<u>For PJ700 PROJECT</u>

Send Module Outline, Assessment Schedule, Marking Schedule (as
      outlined above),
<u>plus</u> other material which shows:- How a project is selected then approved
                           How Project Proposals are assessed
                           How projects are controlled
                           How milestones are assessed
                           How the final projects are assessed.

ICBC/NDBC MODERATION SCHEDULE 2001-2005

MAR 01	AUG 01	MAR 02	AUG 02	MAR 03	AUG 03	MAR 04	AUG 04	MAR 05	AUG 05
IC2-10	IC1-20	IC2-20	IC1-30	AP330	HS310	AP310	HS320	AP320	HS330
IC2-50	IC2-60	IC2-70	IC2-80	BS310	AP340	AP350	AP360	AP370	AP380
IC3-25	IC3-30	IC3-40	IC3-60	ST320	BS320	BS325	BS230	BS340	BS260
IC4-10	IC5-20	IC4-20	IC5-30		SD340	SD310	EC320	SD320	EC330
		IC6-20							
ID100	AC100	BC100	DC100	AA500	AM500	ID500	AC500	BC500	DC500
NM100	IP100	EL100	IN100	BS500	BA500	NM500	IP500	EL500	IN500
PR130	OM100	EP100	NC100	DB500	HF500	OO500	OM500	EP500	NC500
SF100	SP100	MB100	PP11n	DT500	OS500	PR530	SP500	MB500	PP51n
SP192	SP110	OO100	SO100	PC500	PD500	SF400	SP510	PP400	SO500
US100	ST100	PP100	SP190	PR51n	PR50n	SP592	ST500	PP490	SP590
		SP120	WX100	SP591	PR590	US500	MA500	SP520	WX500
BA220	AP200	DA200	AE200	BA600	AA600	BA620	AP600	DA600	AE600
DB200	EX200	DB220	BA210	BC600	AE610	DB600	EX600	DB620	BA610
DE210	HD200	HS200	FG200	CA600	EP600	DE610	HD600	HS600	FG600
DG200	IN210	MP200	MA200	DC600	FS600	DG600	HM600	MP600	MA600
IG200	NM200	NE200	OS200	DE600	IN600	IG600	IN610	NE600	OS600
PS200	PR25n	NM21n	OS25n	ET600	MW610	NM650	NM600	NM61n	OS65n
SA21n	QA200	OS210	PR20n	IO600	PR61n	PS600	OO600	OS610	PR60n
SD200	RA200	PR230	PY200	MW600	SA600	SA61n	PR65n	PR630	PY600
SP200	US200	SI200	SP210	PM600	SC600	SD600	QA600	SI600	SP610
		TS200	TR200	PR62n	SS600	SP600	RA600	TS600	TR600
CA300	DB300	BA300	EC310	AA700	DC700	CA700	DB700	BA700	EC710
EP300	DM300	GW300	NE300	AS700	IS700	FG70n	DM700	GW700	NE700
FG30n	EC300	PR30n	PR330	HR700	MA700	IS710	EC700	PR70n	PR730
IS310	OS310	PR35n	SA300	OO700	PR740	**PJ700**	PR76n	PR75n	SA700
PJ300	SI300	TR300	SR300	SD700	SP700			TR700	SR700

Due 14th March (or 14th August) at NACCQ, Box 11-050, Hillcrest, Hamilton.